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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/532,025	02/23/2006	Nisa M. Arnold-Huyser	026032-4899	8239
22428 7590 06/07/2010 FOLEY AND LARDNER LLP SUITE 500 3000 K STREET NW WASHINGTON, DC 20007				
EXAMINER				
SAMPLE, JONATHAN L				
ART UNIT		PAPER NUMBER		
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/532,025

Applicant(s)

ARNOLD-HUYSER ET AL.

Examiner

Jonathan Sample

Art Unit

3664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 December 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 and 13-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 8-11 and 13-18 is/are rejected.
- 7) ☒ Claim(s) 4-7 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 April 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SI/08)
Paper No(s)/Mail Date 8/26/2009, 1/12/2010
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Pursuant to communications filed on 23 December 2009, the amendments to the claims and specification have been entered into the application file. Receipt is acknowledged of the Information Disclosure Statements (IDS) received on 26 August 2009 and 12 January 2010, which have also been entered into the application file. Claim 12 has been cancelled, and claims 1-11 and 13-18 are currently pending in the instant application.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. **Claims 1-3, 8-11, 13 and 16-18** are rejected under 35 U.S.C. 103(a) as being unpatentable over Oshida et al (US 6,434,482 B1) in view of Lou et al (US 6,049,755).

Regarding claims 1-3, 8-11, 13 and 16-18, Oshida et al. disclose a GPS receiver on line 23, column 4; a database including road network and POI information on lines 24-25, on column 4; a microprocessor coupled to the GPS and to the database for providing display output signals representing highway exits in the vicinity of the current vehicle location on line 31, on column 4, and lines 1-4, on column 5; and a display for selectively displaying the exits on a highway on which the vehicle is traveling, wherein the microprocessor is programmed to respond to the operator input signals to provide a scroll-forward display of upcoming highway exits and for displaying POI accessible at such highway exits on lines 2-4, on column 5; the POI information includes several categories in Figure 3; each establishment is identified by name and address on line 32, on column 8; the microprocessor responds to operator input signals to provide a scroll-backward display of passed highway exits and POI accessible at such highway exits on line 28, on column 4; only POIs within a predetermined range are displayed on the range is less than about four miles on lines 13-14, on column 6; the operator actuated switch allows the operator to select POIs and display distance, direction, and detailed information to the POI on lines 5-27, on column 5; updating the road network and POI information separately on lines 43-49, on column 6; and including a compass coupled to the display on line 20, on column 4. Oshida et al. is silent regarding wherein the system/method includes an operator actuated switch for switching between display modes, and further wherein the electronic display displays one of addresses or names of cross-streets, without also displaying a map on the electronic display.

Lou et al teaches a vehicle location display for a navigation system. Lou et al further discloses wherein there are multiple display modes, including a graphical display mode and textual display mode. Lou et al also discloses wherein when viewing the textual mode, the addresses and/or cross streets are displayed to the user, without displaying a map on said display. Lou et al goes on to disclose wherein the system has an operator actuated switch to switch between the different display modes (Figures 2, 4 & 5; column 2, lines 12-42, column 3, line 46-column 4, line 34 and column 5, lines 23-column 6, line 27). Therefore, in view of Lou et al's teachings, it would have been obvious to one of ordinary skill in the art at the time of the invention, to include with teachings of Oshida et al, wherein the system/method includes an operator actuated switch for switching between display modes, and further wherein the electronic display displays one of addresses and/or names of cross-streets, without also displaying a map on the electronic display, since Lou et al teaches that the modification of the display provides easier and more efficient access to information.

4. **Claims 14 and 15** are rejected under 35 U.S.C. 103(a) as being unpatentable over Oshida et al (US 6,434,482 B1) as modified by Lou et al (US 6,049,755) as applied to the claims above, and further in view of Kubota et al (US 6,351,698).

Oshida et al. and Lou et al. disclose the limitations as set forth above.

Regarding claims 14 and 15, Oshida et al and Lou et al are silent regarding wherein the system includes an outside temperature sensor coupled to the display or the display includes a trip computer. Kubota et al. teach using a temperature sensor hooked up to the display and a trip computer on lines 23 and 32, on column 5. It would

have been obvious to one of ordinary skill in the art at the time the invention was made to use the sensor and trip computer of Kubota et al. in the invention of Oshida et al. as modified by Lou et al, because such modification would an interactive vehicle control system that achieves good communication with a driver as stated in Kubota et al.

Allowable Subject Matter

5. **Claims 4-7** are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

6. Applicant's arguments with respect to the above claims have been considered but are moot in view of the new ground(s) of rejection, necessitated by amendment.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See attached PTO-892 - Notice of References Cited form.

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jonathan Sample whose telephone number is (571)270-5925. The examiner can normally be reached on M-F 7-3.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Khoi Tran can be reached on 571-272-6919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. S./
Examiner, Art Unit 3664
/KHOI TRAN/
Supervisory Patent Examiner, Art Unit 3664